

ABSTRACT OF THE DISCLOSURE

5 A coupling lens couples a beam emitted from a
light source. A light deflector deflects the beam from
the coupling lens at a uniform angular velocity. A
10 line-image imaging optical system is disposed between
the coupling lens and light deflector, and causes the
beam to image a line image long along main scanning
directions on or in the vicinity of a deflection
reflective surface of the light deflector. A scanning
15 and imaging optical system causes the beam deflected by
the light deflector to image a beam spot on a medium to
be scanned. In an optical housing, the light source,
coupling lens, light deflector, line-image imaging
optical system and scanning and imaging optical system
are disposed, and contained. A plurality of holding and
fixing datums are provided for holding and fixing a
light-source part including the light source and
coupling lens is provided in at least one of the light-
source part and optical housing.